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(12) **United States Patent**  
**Soderlund et al.**

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(54) **SETTING DEVICE, SETTING SYSTEM, TOOL HOLDING SYSTEM AND METHOD FOR SETTING AN AXIAL POSITION OF A COMPONENT**

(58) **Field of Classification Search**  
CPC ..... B23B 31/404; B23B 31/36; B23B 31/028; B23B 31/00; B23B 31/001; B23B 31/002; (Continued)

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(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1042 days.

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**B23Q 5/34** (2006.01)  
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(57) **ABSTRACT**

(52) **U.S. Cl.**  
CPC ..... **B23Q 3/18** (2013.01); **B23B 31/305** (2013.01); **B23Q 5/34I** (2013.01); **B26D 7/2635** (2013.01);

A setting device for setting an axial position of a rotatable component having a base member, adapted to be arranged in an axially fixed manner, and at least two separate setting members, mechanically movable relative to the base member, each of which is arranged to provide a respective substantially axial movement transferrable to a respective portion of the component.

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**20 Claims, 6 Drawing Sheets**

